AMENDMENTS TO THE CLAIMS

1. (currently amended) A method, in an image scanner, for detecting a defect, comprising:

determining whether at least one lines ~~are~~ is present in image data for ~~multiple~~ a particular color channels; and

determining whether a calibration gains for a photosensors corresponding to the lines ~~are~~ is normal.

2. (original) A method for detecting a defect on a calibration target for an image scanner, comprising:

determining that a gain associated with a particular photosensor, in a particular line-array of photosensors, in a photosensor assembly, exceeds a predetermined gain threshold, the gain having been calibrated using the calibration target;

determining that an image intensity measurement for the particular photosensor exceeds a predetermined intensity threshold; and

determining that an image intensity measurement for each photosensor, physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, does not exceed the predetermined intensity threshold.

3. (original) A method for detecting a defect in image data, comprising:

determining that intensity data, from a particular photosensor, in a particular line-array of photosensors, in a photosensor assembly, is less than a predetermined intensity threshold; and

determining that intensity data, for each photosensor, physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, is not less than the predetermined intensity threshold.

4. (original) The method of claim 3, further comprising:

determining that the defect was present during calibration, by determining that a gain for the particular photosensor, determined during calibration, exceeds a predetermined gain threshold.

B1 Cont'd

5. (original) The method of claim 3, further comprising:

determining that the defect was not present during calibration, by determining that a gain for the particular photosensor, determined during calibration, does not exceed a predetermined gain threshold.

Claims 6 - 9 (withdrawn)

10. (original) A scanner, comprising:

a first line-array of photosensors;

a second line-array of photosensors;

a processor; and

the processor determining that a defect exists when lines are present in image data from only one of the first and second line-arrays of photosensors and when calibration gains, associated with photosensors corresponding to the lines, are normal.

11. (original) A scanner, comprising:

a calibration target;

a photosensor assembly comprising a plurality of line-arrays of photosensors;

a processor;

a particular photosensor, in a particular line-array of photosensors, in the photosensor assembly, having an associated gain that exceeds a predetermined gain threshold, the gain having been calibrated using the calibration target;

the particular photosensor having an associated image intensity measurement that exceeds a predetermined intensity threshold; and

the processor determining that a defect exists when an image intensity measurement for each photosensor physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, does not exceed the predetermined intensity threshold.

12. (original) A scanner, comprising:

a calibration target;

a photosensor assembly comprising a plurality of line-arrays of photosensors;

a processor;

a particular photosensor, in a particular line-array of photosensors, in a photosensor assembly, having an associated image intensity measurement that is less than a predetermined intensity threshold; and

the processor determining that a defect exists when an intensity output, for each photosensor physically corresponding to the particular photosensor, in all line-arrays in the photosensor assembly other then the particular line-array of photosensors, is not less than the predetermined intensity threshold.

13. (original) The scanner of claim 12, further comprising:

the processor determining that the defect was present during calibration, by determining that a gain associated with the particular photosensor, determined during calibration, exceeds a predetermined gain threshold.

14. (original) The scanner of claim 12, further comprising:

the processor determining that the defect was not present during calibration, by determining that a gain associated with the particular photosensor, determined during calibration, does not exceed a predetermined gain threshold.

Claims 15 - 18 (withdrawn)